

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 1113 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Nov 21 2009

See axaff01113N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.07.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.772

## Comments

ACIS imaging on I array.

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The focal plane temperature is approximately -110 C during this observation. This reprocessing of the data applies no CTI correction because none is available for this temperature at present.

The ACIS CTI correction has not been calibrated at this temperature, because it was early in the mission, and ACIS had not yet been lowered to the standard -119.7 C. Both front and back illuminated chips are affected. However a T\_GAIN correction has been applied to the BI chips (ACIS-5 and ACIS-7) data included here.

The ACIS spectral response calibration is less accurate at these warmer temperatures than it is at -119.7 C. Users whose science objectives depend on the most accurate spectral response (ie: fitting line-rich spectra) may notice an effect. Users whose science objectives do not depend on the most accurate spectral response should not notice an effect.

seq_num	880063	Sequence number
obs_id	1113	Observation id
title	&#160	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	COMA CLUSTER	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	194.95	Observer's specified target RA
dec_targ	27.966667	Observer's specified target Dec
ra_nom	194.95595023845	Nominal RA
dec_nom	27.967493743652	Nominal Dec
roll_nom	31.847123096823	Nominal Roll
revision	4	Processing version of data
ontime	9772.0200374126	Sum of GTIs [s]
livetime	9648.2808356949	Livetime [s]
ontime0	9772.1431873292	Sum of GTIs [s]
ontime1	9772.1021473333	Sum of GTIs [s]
ontime2	9772.0610774085	Sum of GTIs [s]
ontime3	9772.0200374126	Sum of GTIs [s]
ontime7	9768.9432371929	Sum of GTIs [s]
l2events	281603	Number of level 2 events

